

1.1. Opraskin®

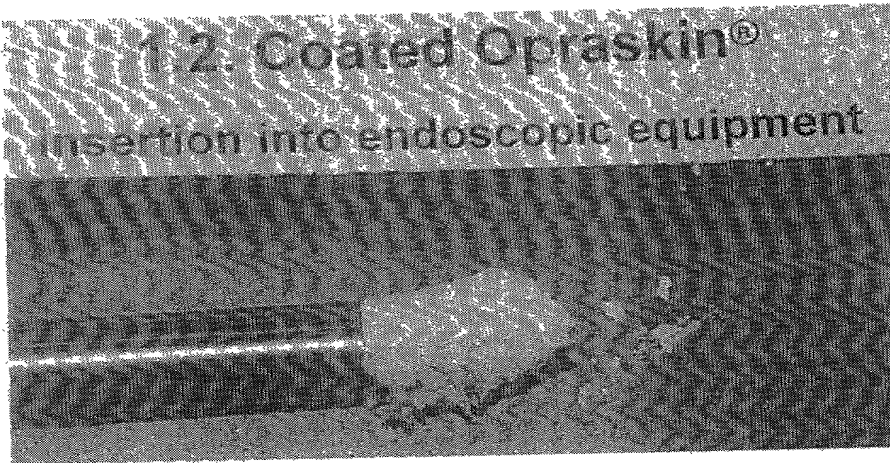
non-coated

coated



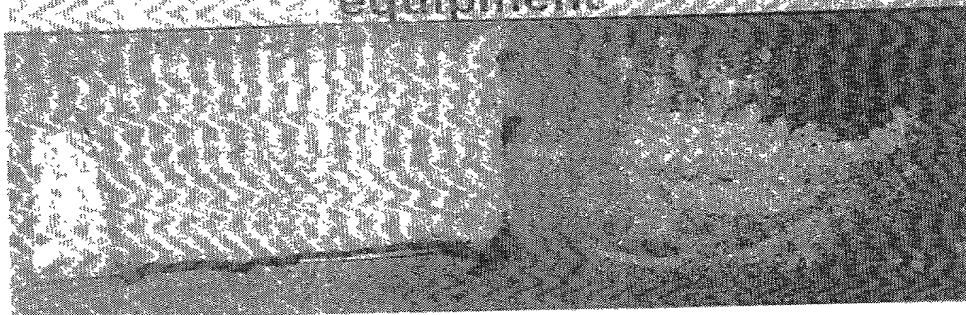
1.2. Coated Opraskin®

insertion into endoscopic equipment



1.3. Coated Opraskin®

folded after insertion into endoscopic equipment



2.1. Willospon® forte

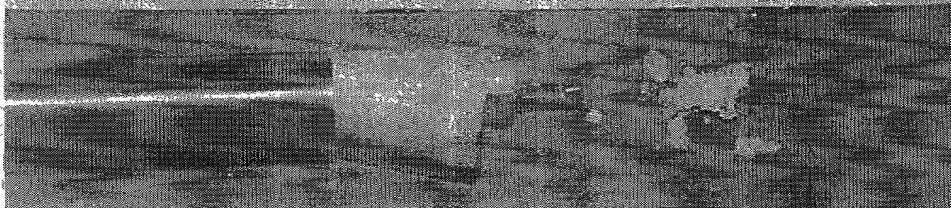
non-coated

coated



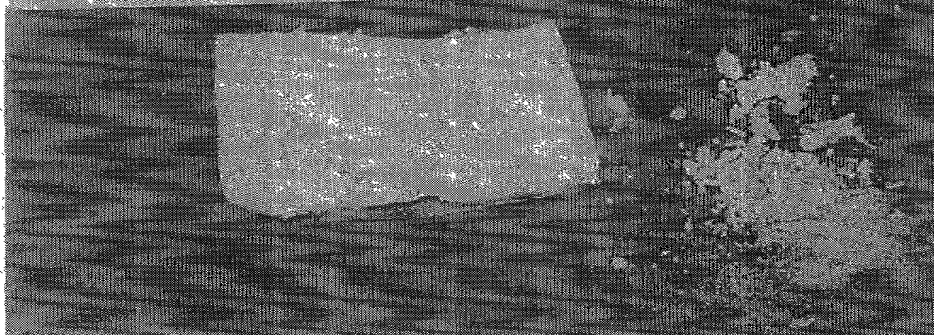
2.2. Coated Willospon® forte

insertion into endoscopic equipment



2.3. Coated Willospon® forte

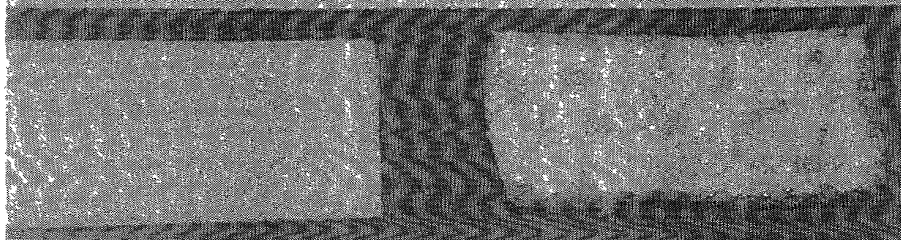
unfolded after insertion into endoscopic equipment



3.1. Willospon® spezial

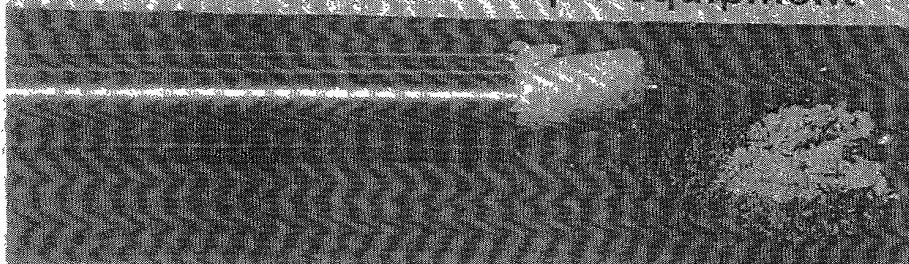
non-coated

coated



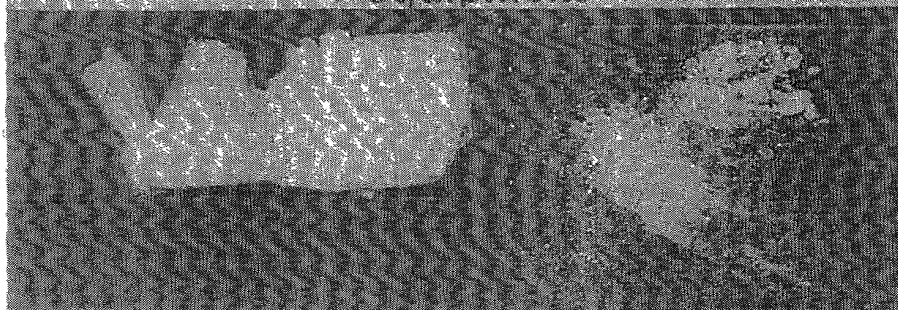
3.2. Coated Willospon® spezial

insertion into endoscopic equipment



3.3. Coated Willospon® spezial

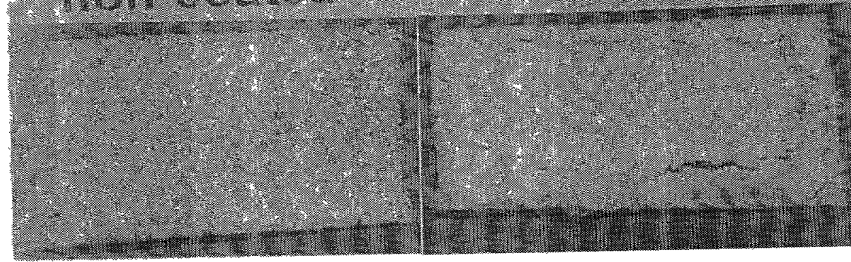
unfoldet after insertion into endoscopic equipment



4.1. Ethisorb® Patch

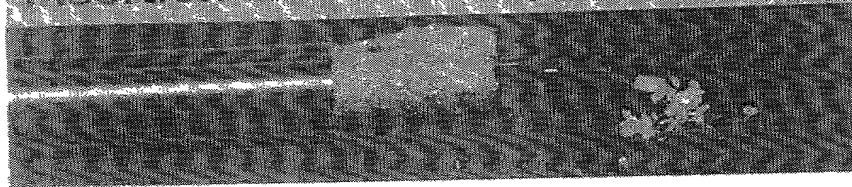
non-coated

coated

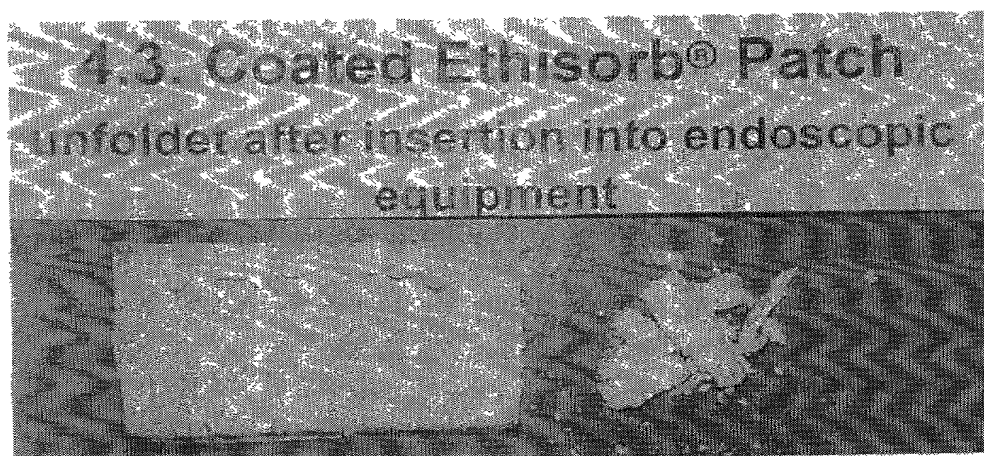


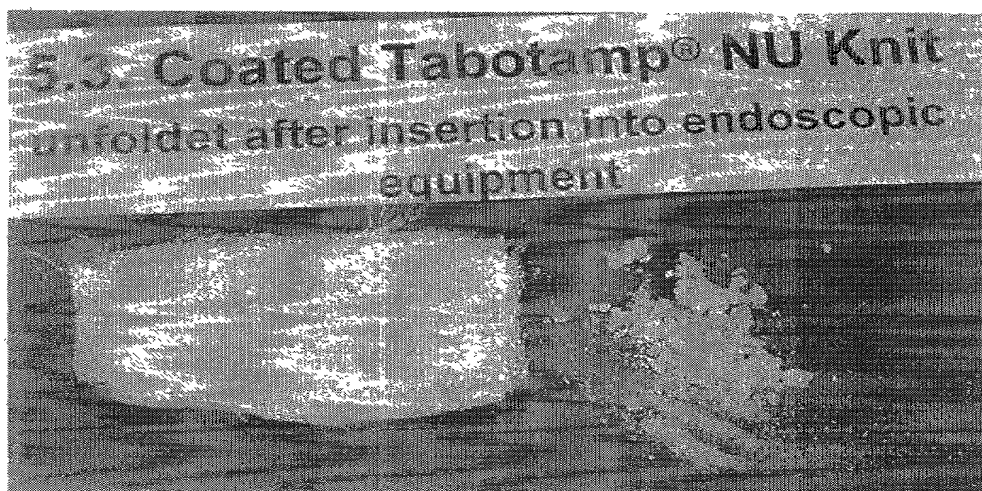
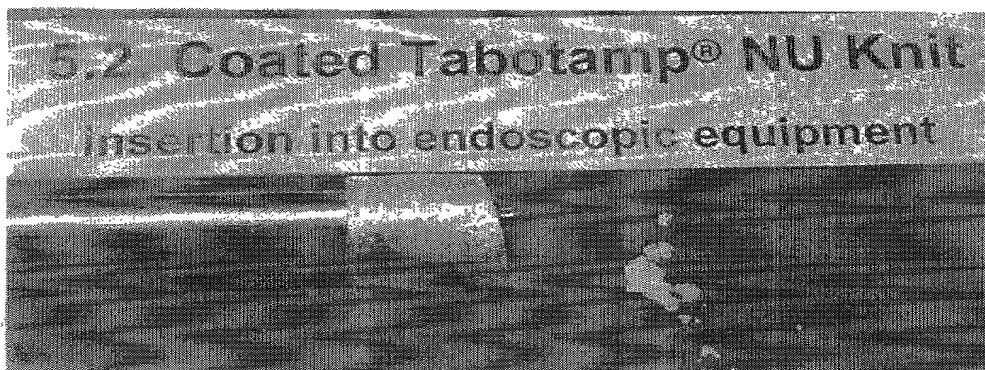
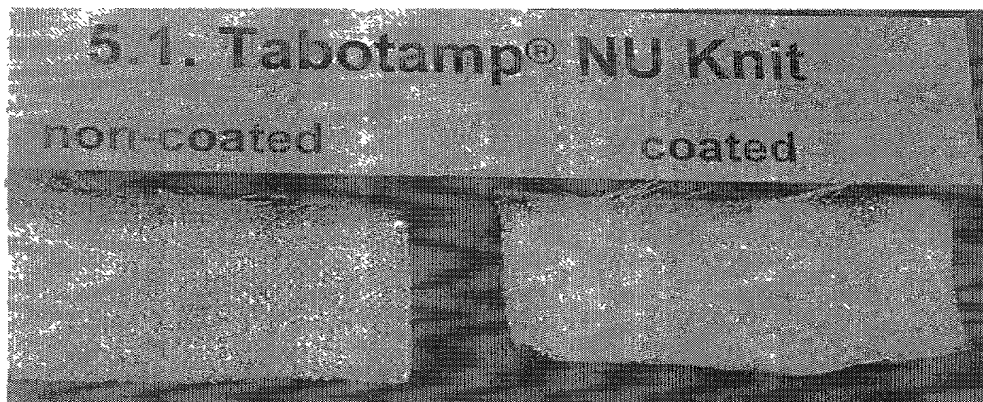
4.2. Coated Ethisorb® Patch

insertion into endoscopic equipment

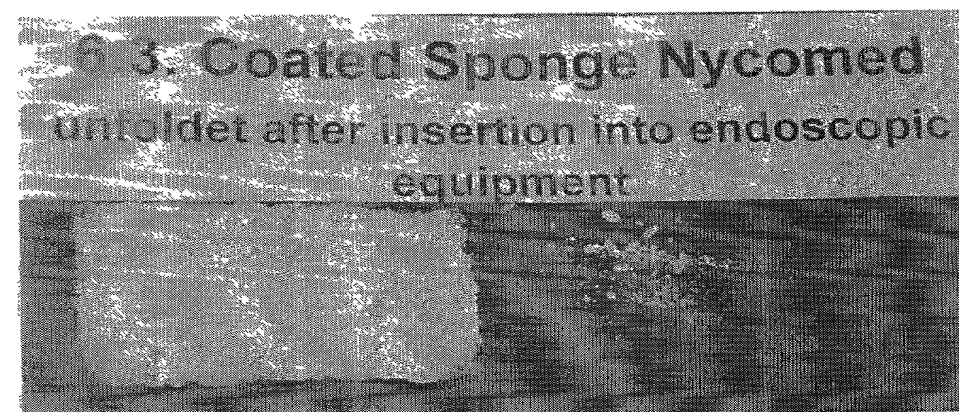
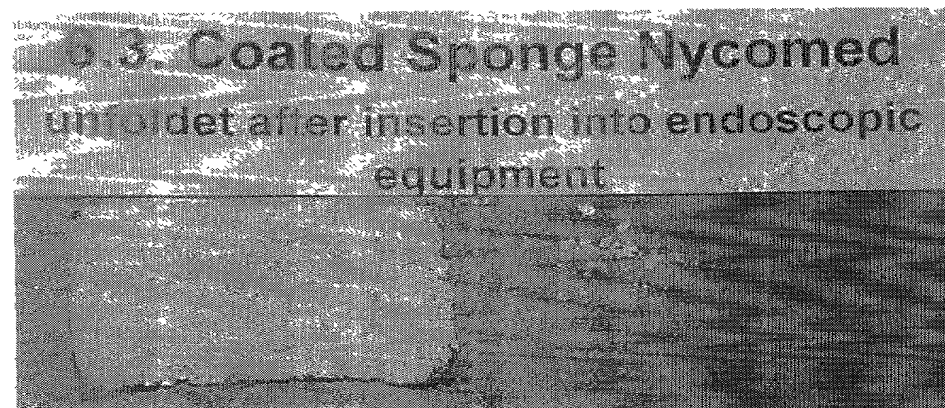
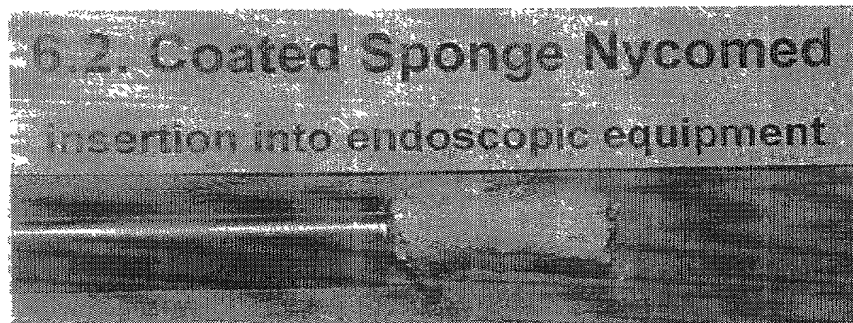
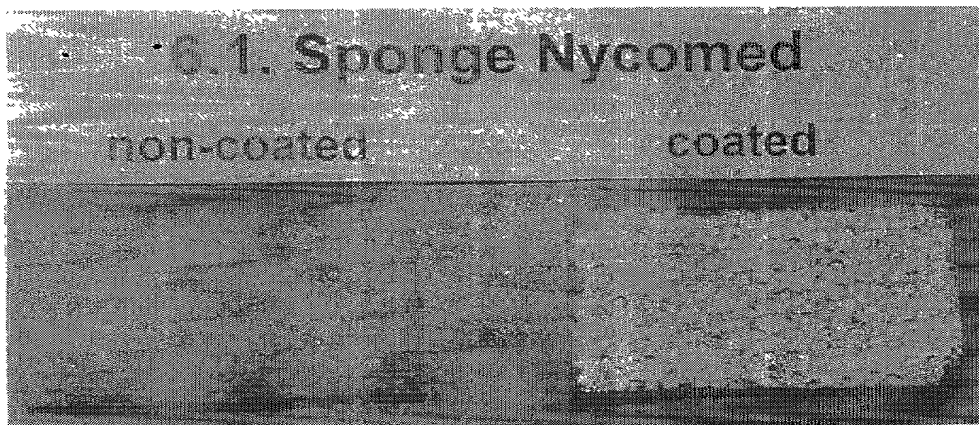


10054689 012502 205270 6824500T





10054869 01500 205210" 68845001



205710 6884502

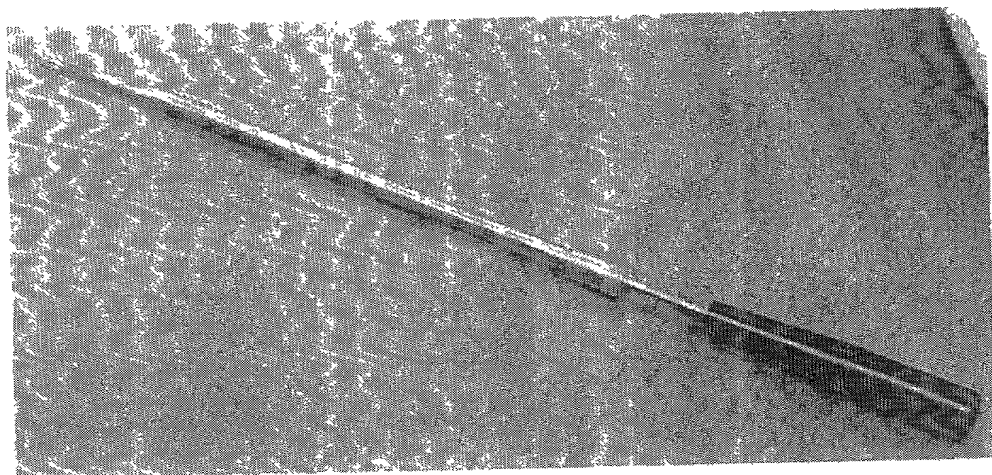
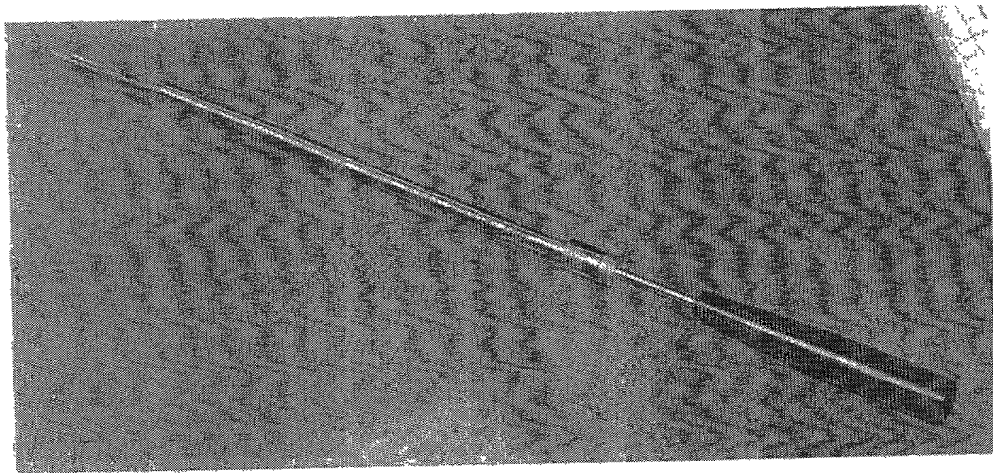
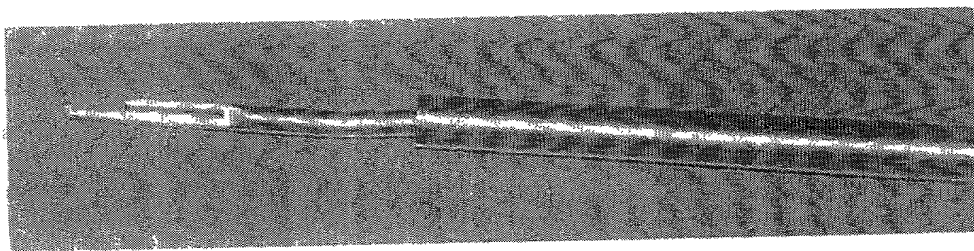


Fig. 7

205210" 68845007

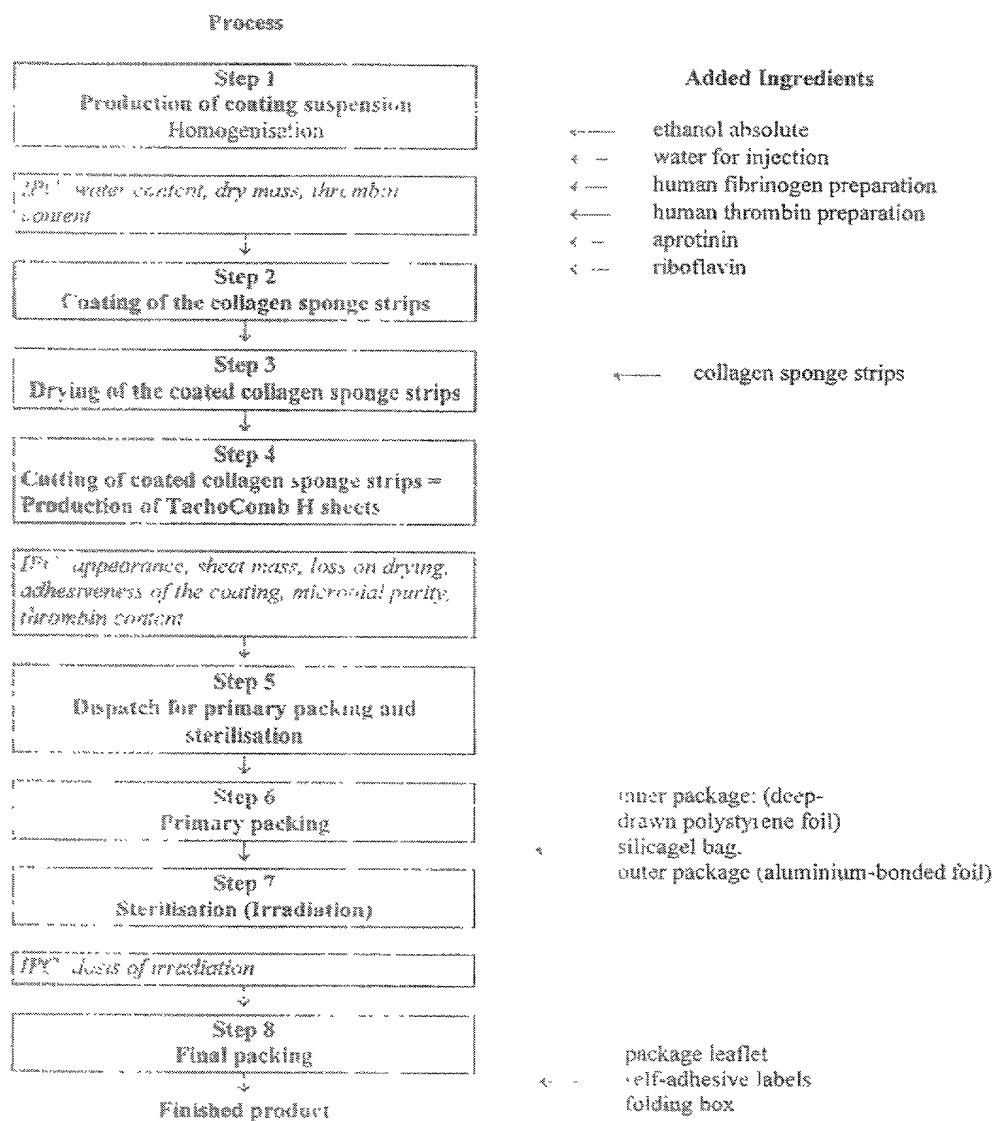
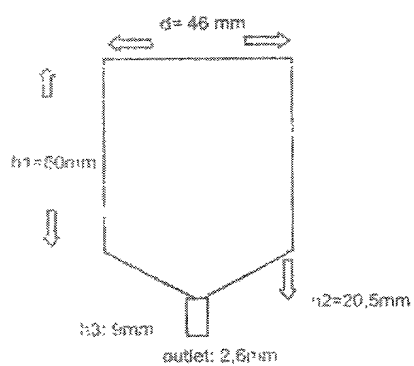


Fig. 8

205270"69245001

1. High grade stainless steel
discharge volume: 110 ml



2. Plastic
discharge volume: 96 ml

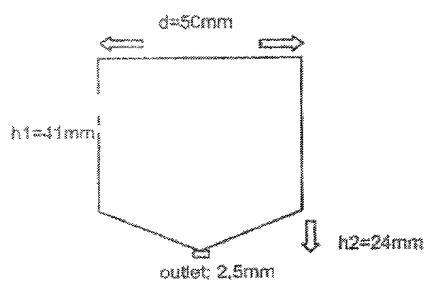


Fig. 9

205210 684501

Process	Added material
<div>Step 1</div> <div>Delivery of deep-frozen horse tendons</div> <div>Storage of tendons at -18 °C to -25 °C</div> <div>Control of appearance, ash, degradability by collagenase</div>	
<div>Step 2</div> <div>Peeling of horse tendons</div> <div>Storage of peeled tendons at -18 °C to -25 °C</div>	
<div>Step 3</div> <div>Slicing of peeled horse tendons</div> <div>Disinfection of tendons with 70 % ethanol</div> <div>Washing of tendons with water or salt solution</div> <div>Deep-freezing</div> <div>Storage</div>	<div>(70 % ethanol</div> <div>water for injection or salt solution</div>
<div>Step 4</div> <div>Washing and disinfection of tendon slices</div> <div>Washing with water or salt solution</div> <div>Disinfection with 70 % ethanol</div> <div>Washing with 0.45 % lactic acid in salt solution</div>	<div>water for injection or salt solution</div> <div>(70 % ethanol</div> <div>0.45 % lactic acid in salt solution</div>

FIG. 10

Process (continued)

Added material

Step 5	
Production of collagen gel	0.15 % lactic acid in salt solution
Solubilizing of tendon slices	0.15 % lactic acid in salt solution
Homogenization of tendon slices	

Step 6	
Foaming	sterile air
Whipping of air into the collagen gel	
Fractionation of the foam	
Homogenization of the foam	

Step 7	
Drying of collagen foam	
Draining of the foam	
Neutralization of the foam with HCl	
Drying of the foam	
Final weight of dried collagen sponge blocks	

Step 8	
Cutting of collagen sponge blocks to strips	
Final weight of collagen sponge strips	

Step 9	
Sorting the collagen sponge strips according to structural properties	

FIG. 11